

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

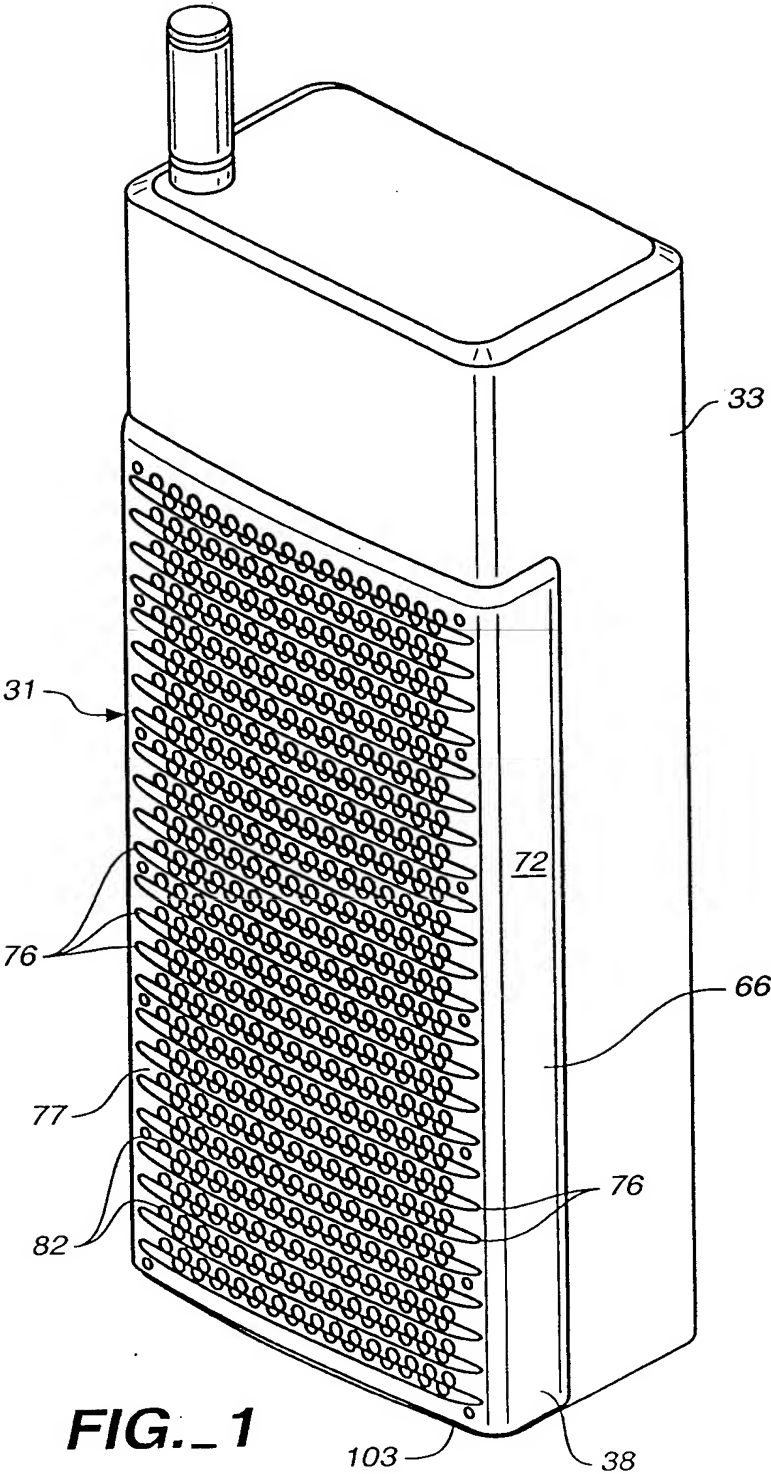
**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

1 of 23



## 2 of 23



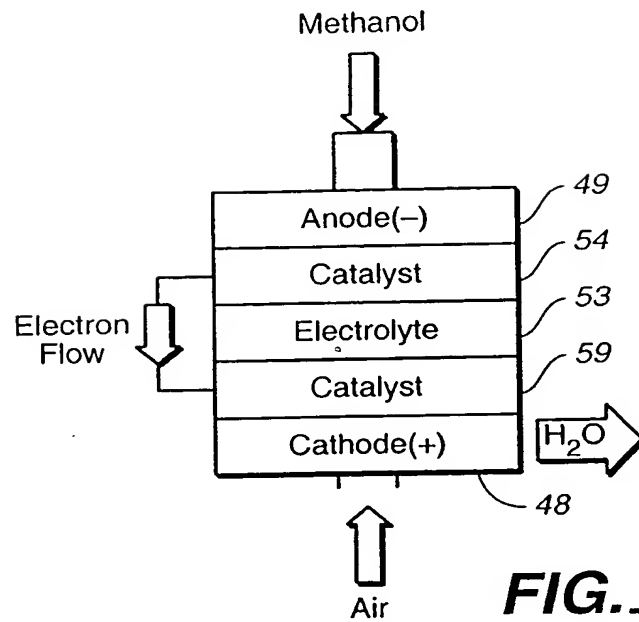
## 3 of 23



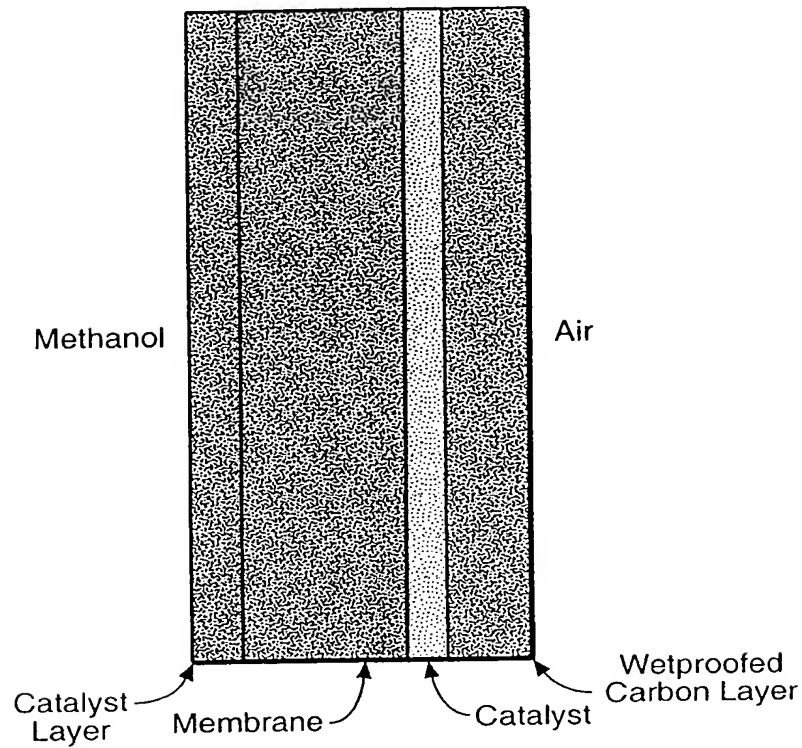
FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

4 of 23



**FIG.\_4**

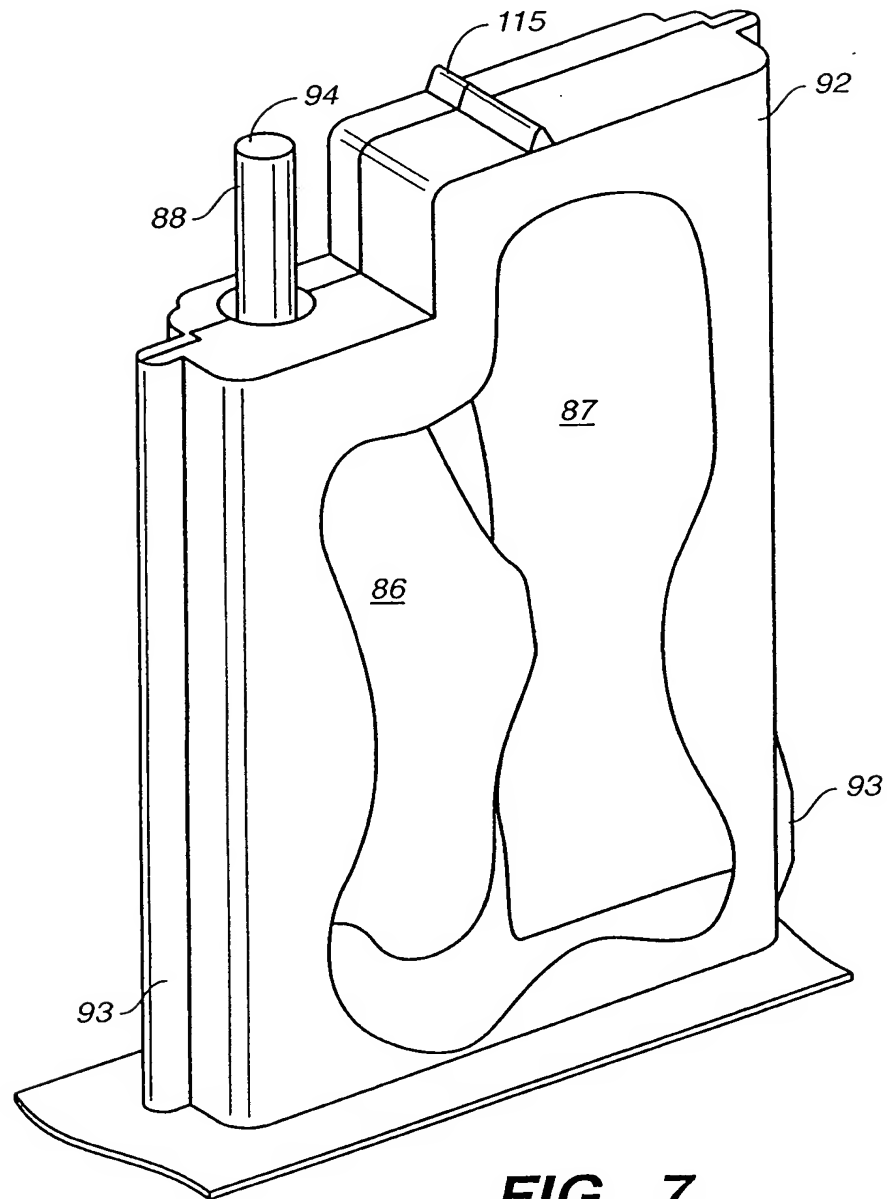


**FIG.\_5**

FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

5 of 23



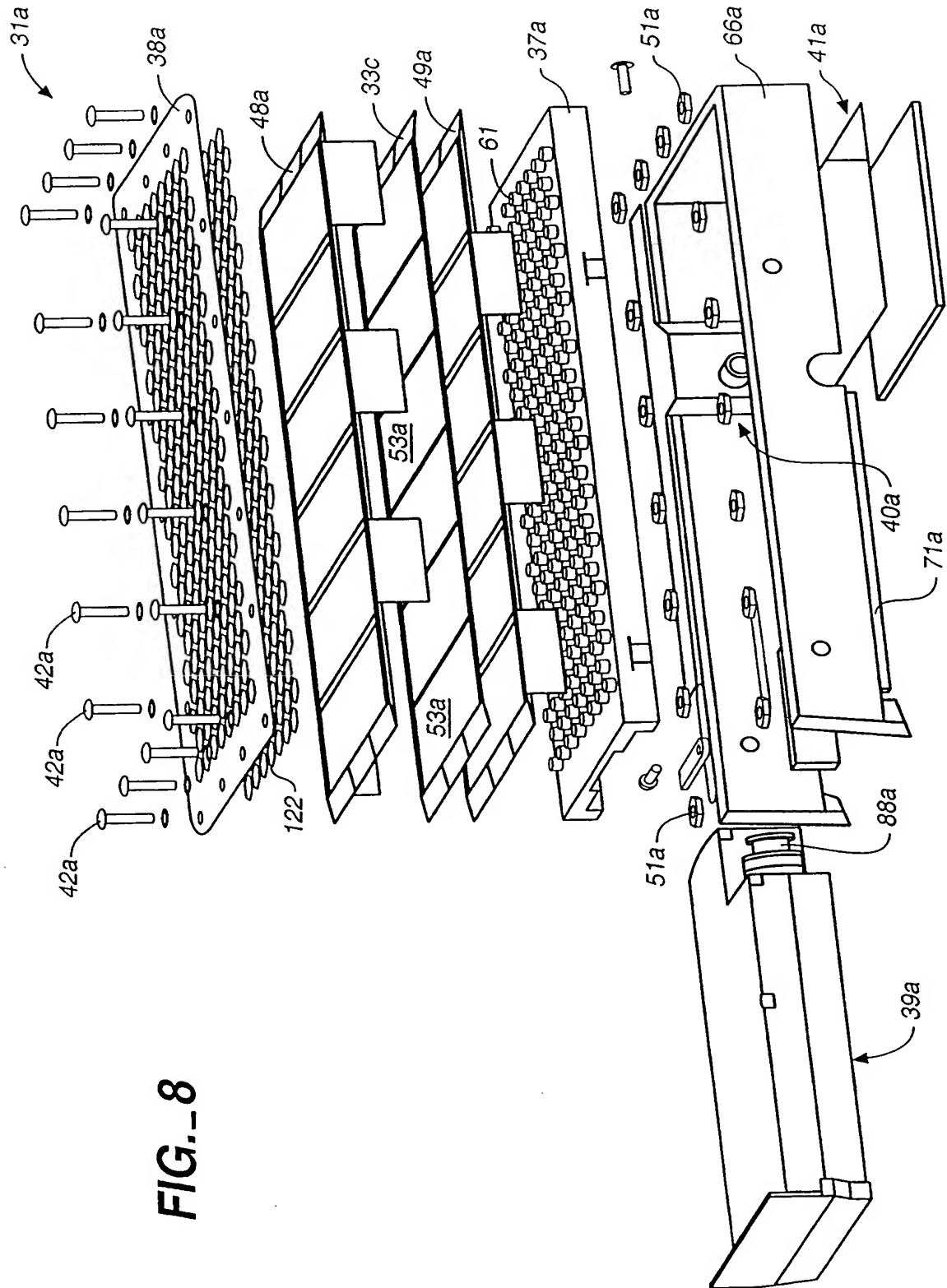
**FIG. 7**

FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

6 of 23

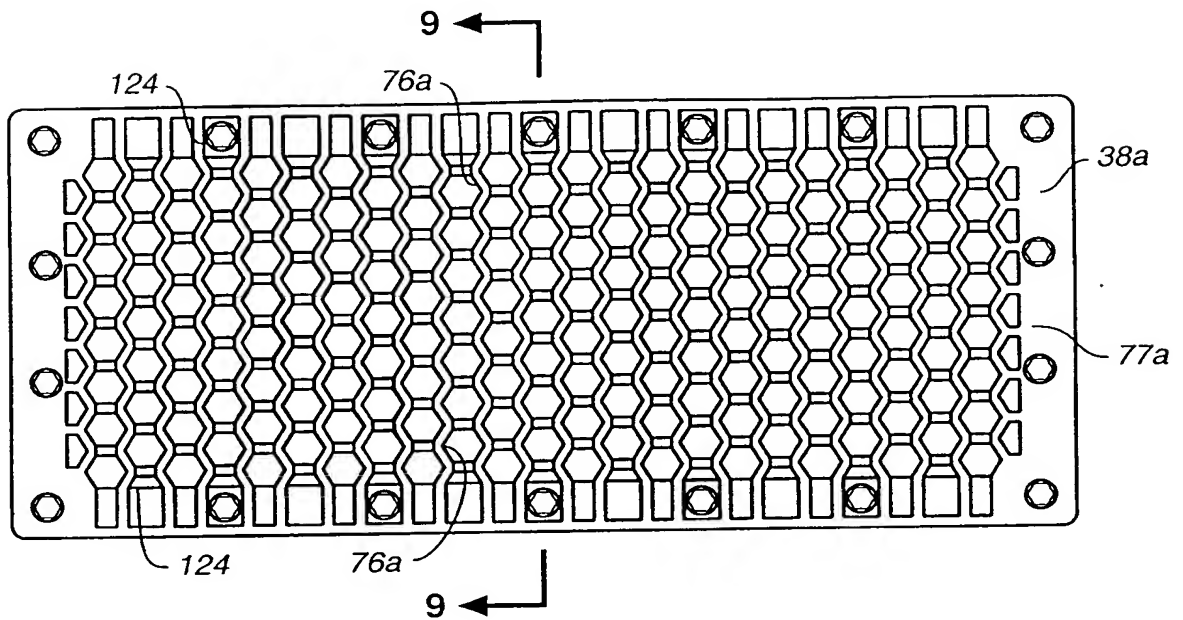
FIG. 8



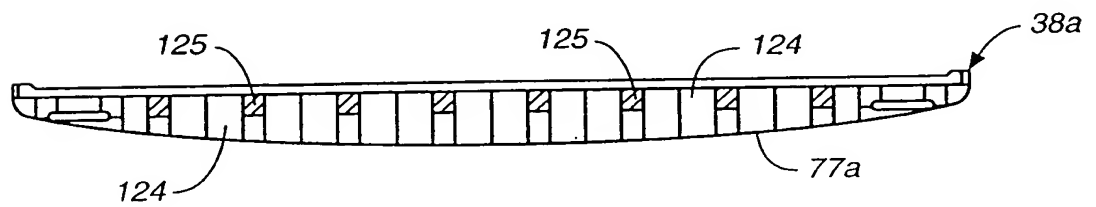
FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

7 of 23



**FIG.\_9a**



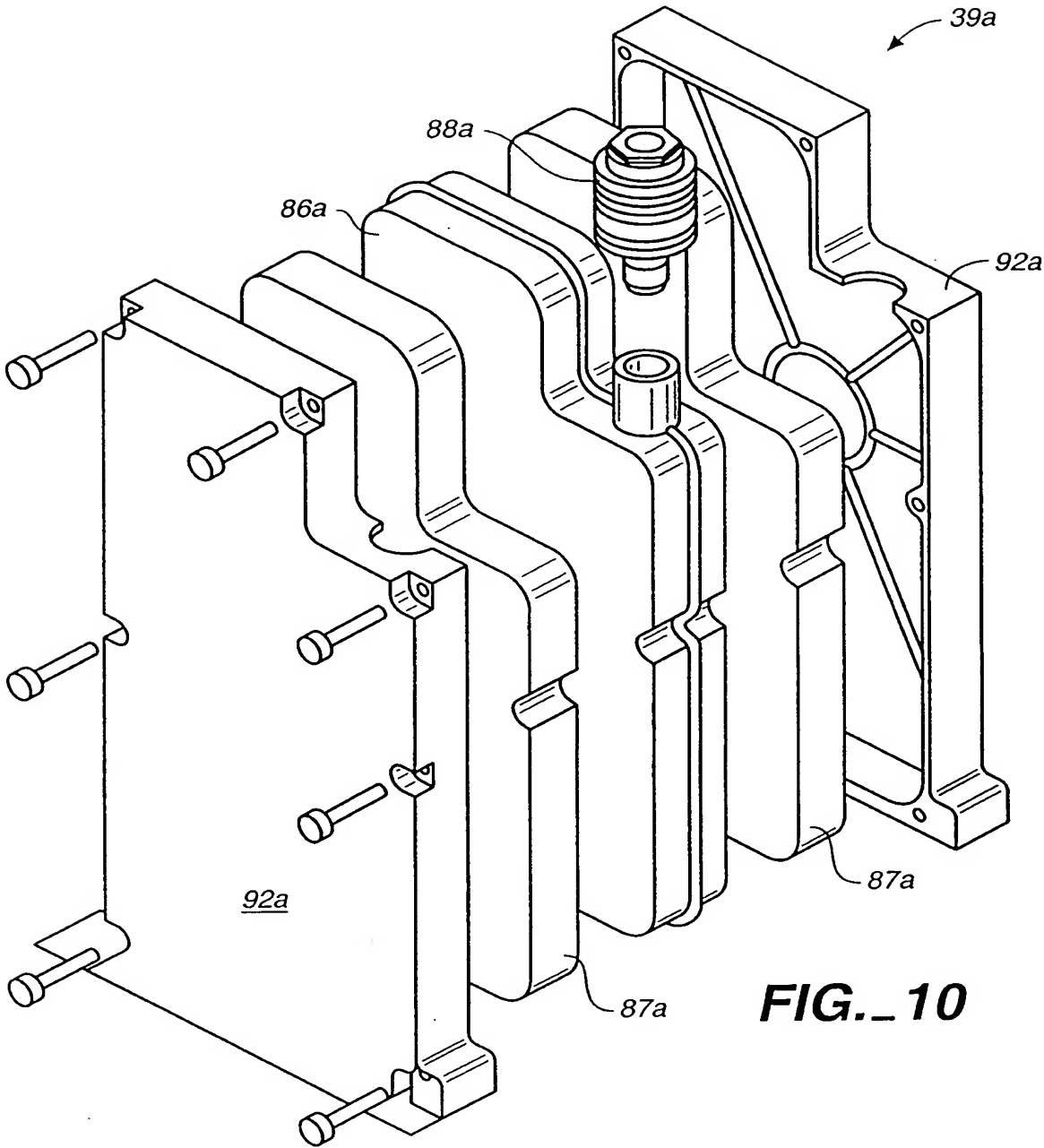
**FIG.\_9b**



FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

8 of 23

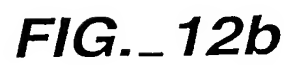


**FIG. 10**

## 9 of 23



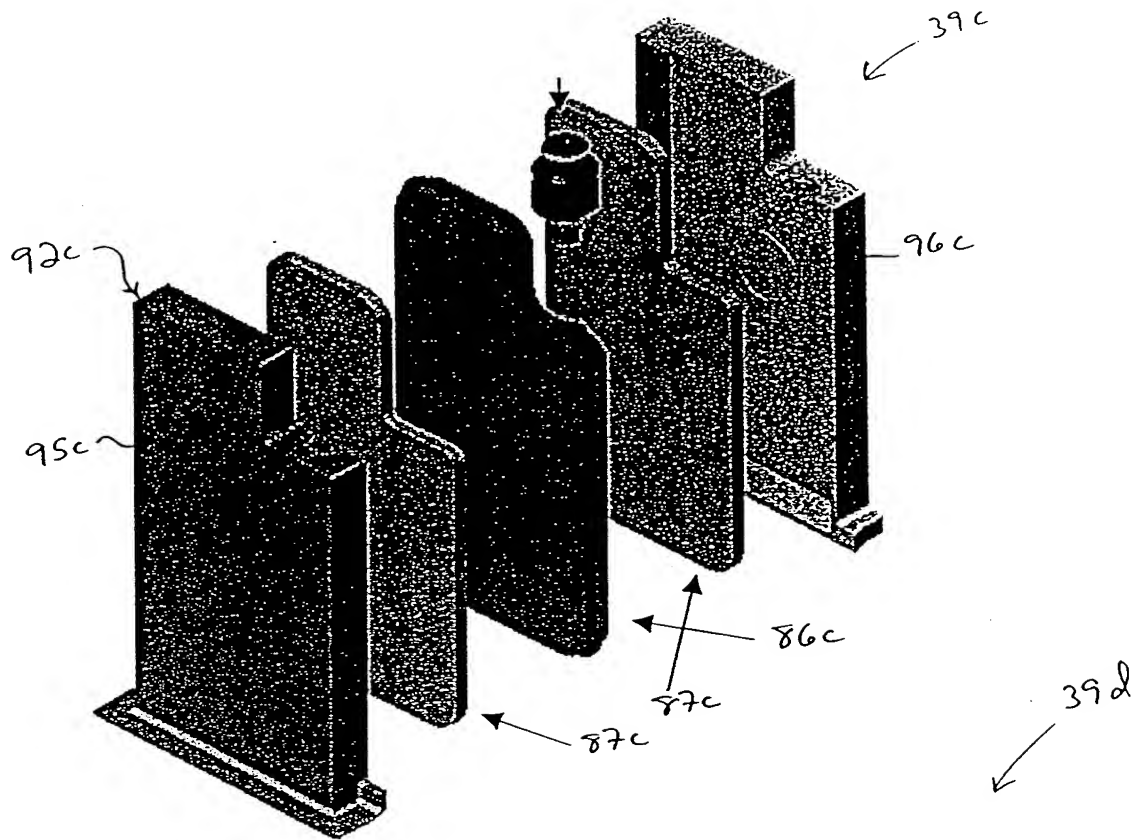
## 10 of 23



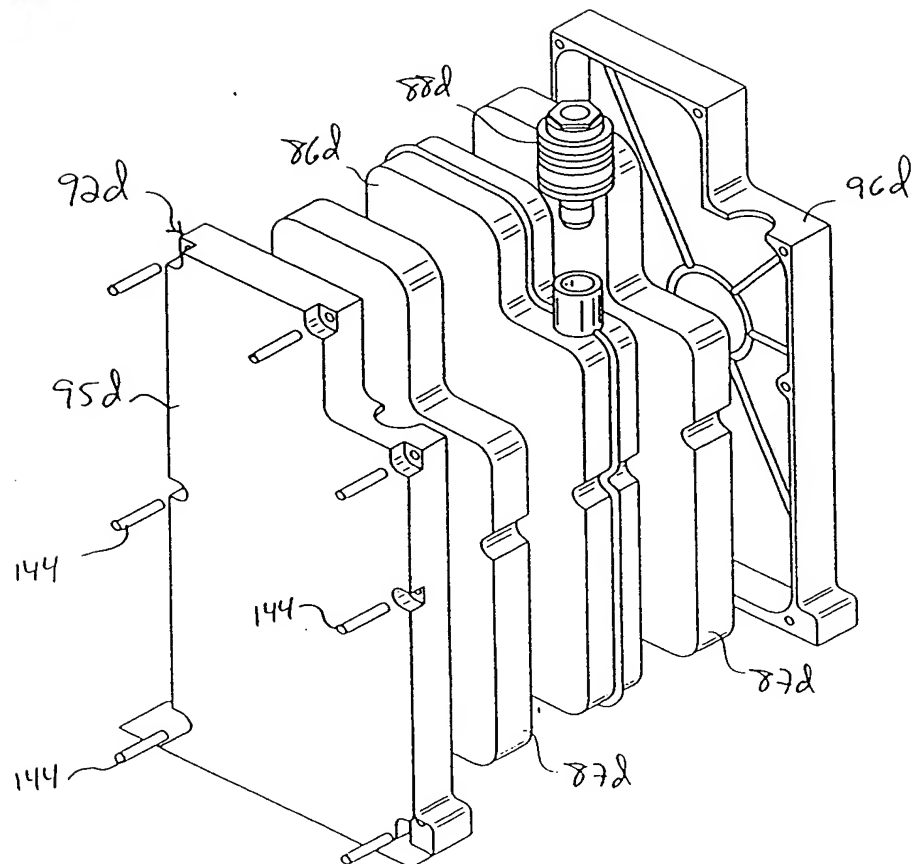
FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

11 of 23



**FIG. 13**



**FIG. 14**

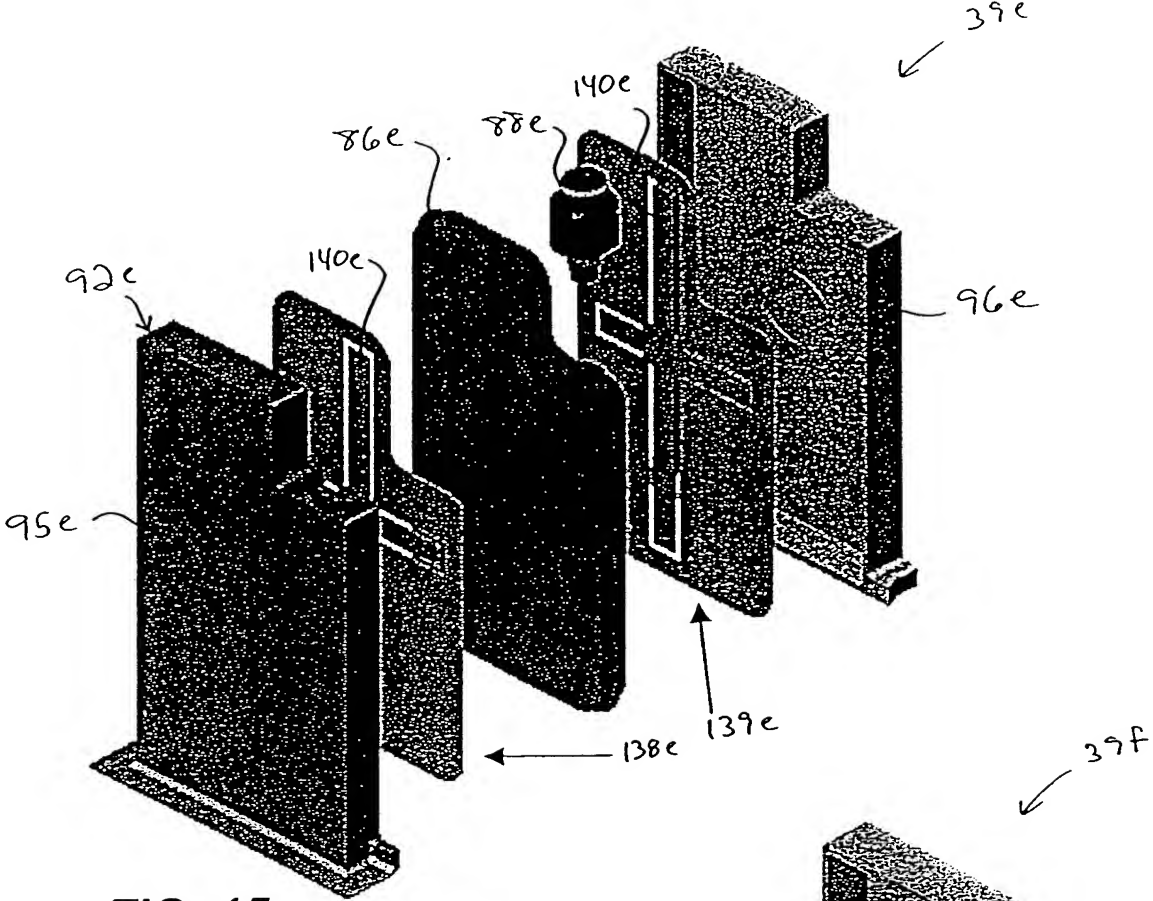


FIG. 15

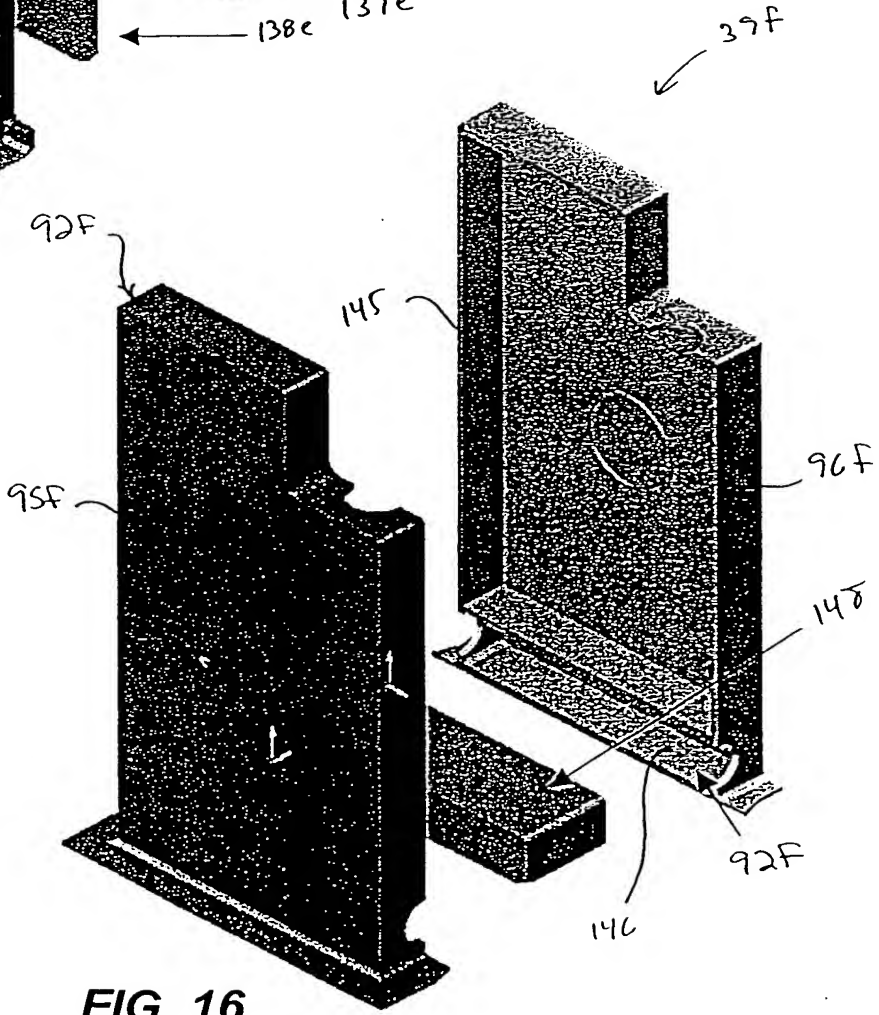
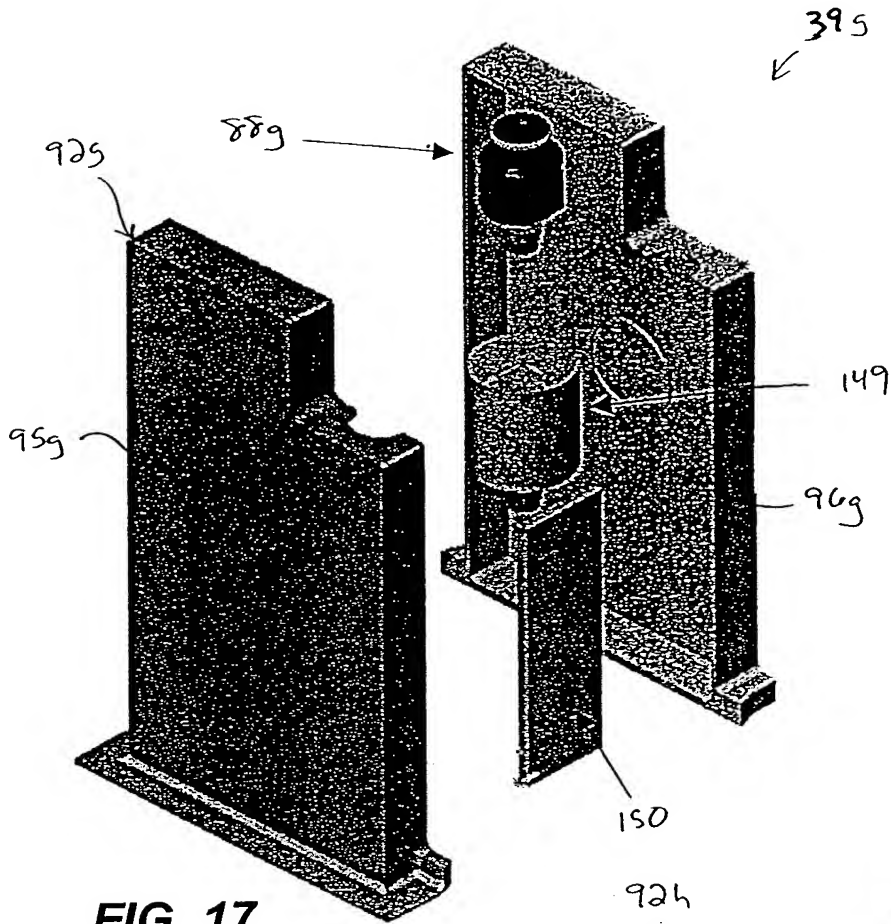


FIG. 16

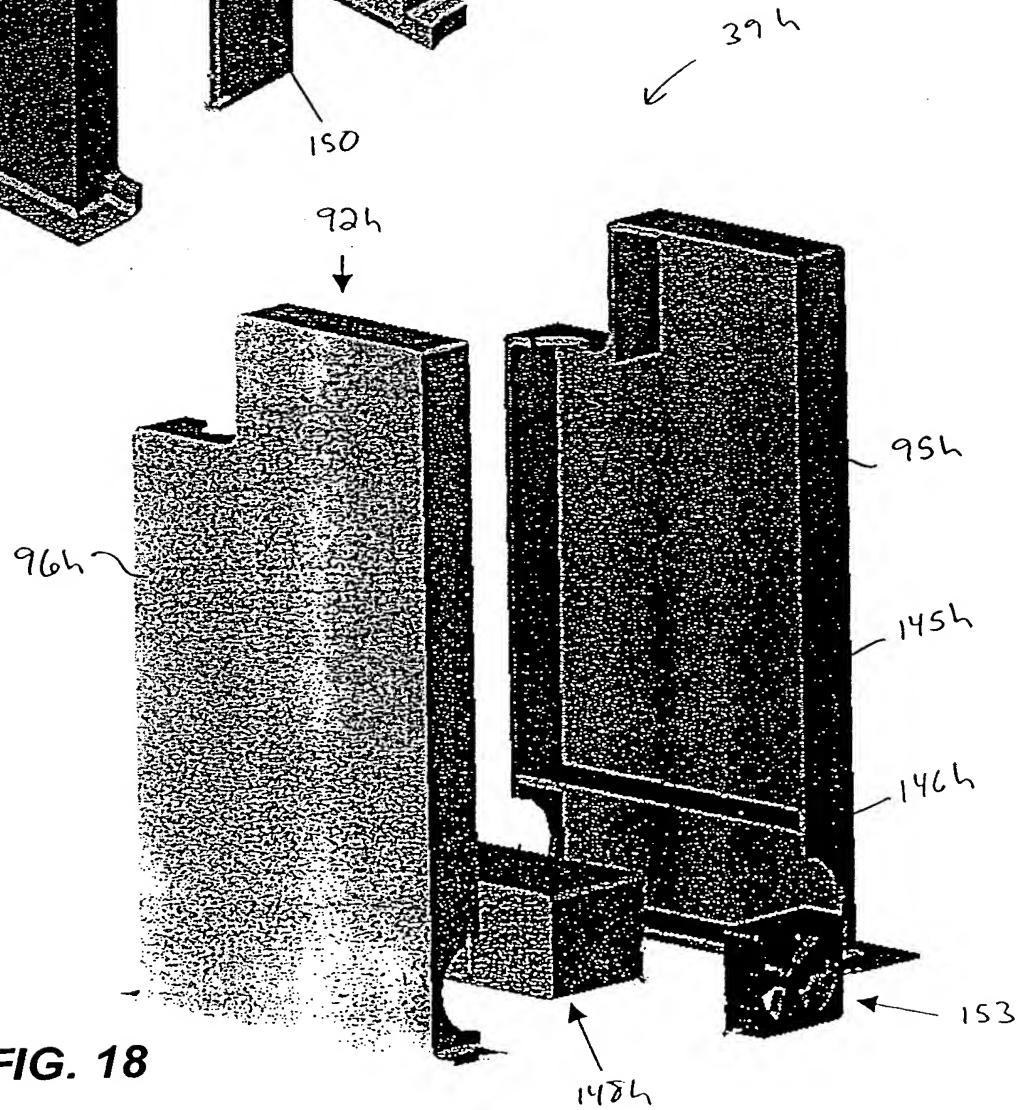
FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

13 of 23



**FIG. 17**

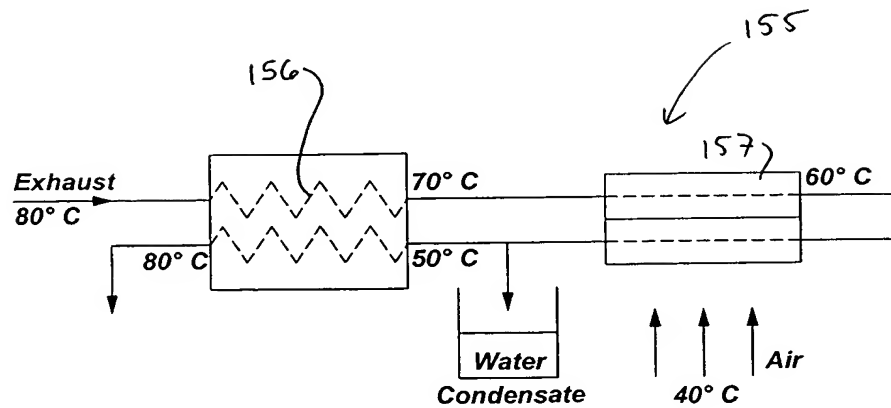


**FIG. 18**

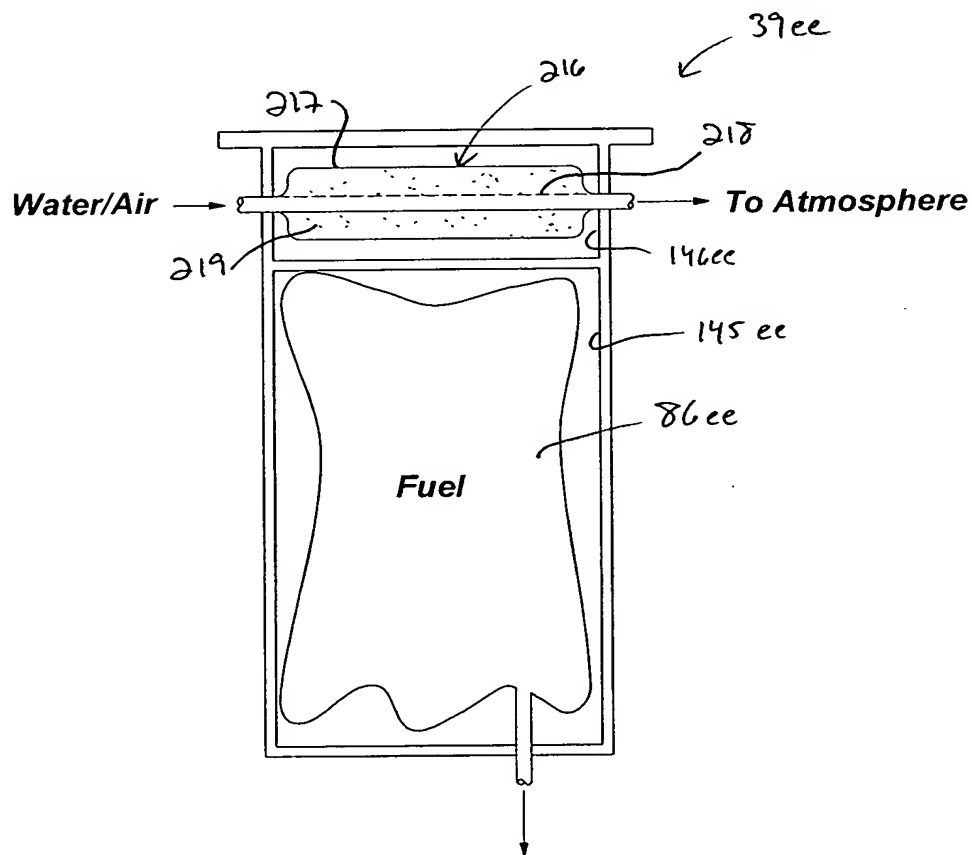
FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

14 of 23



**FIG. 19**



**FIG. 38**

# FUEL CELL CARTRIDGE FOR PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

15 of 23

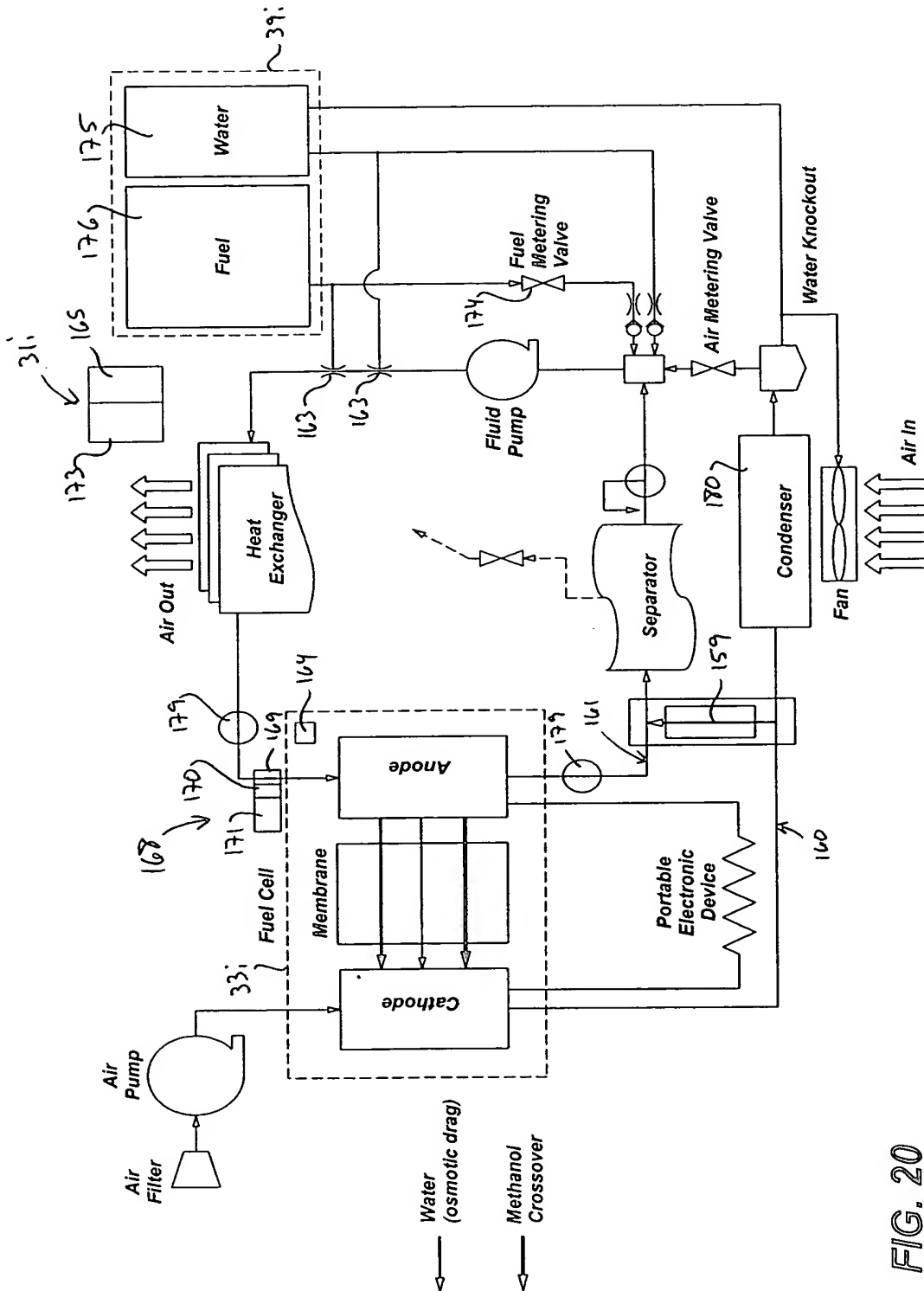


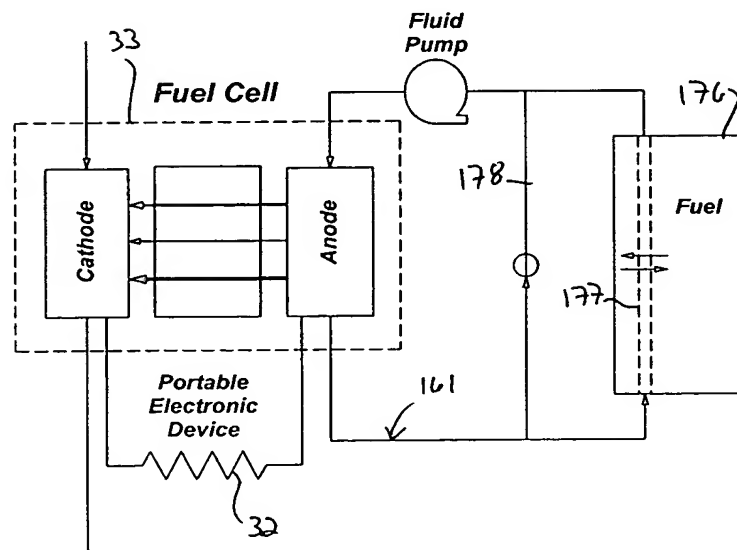
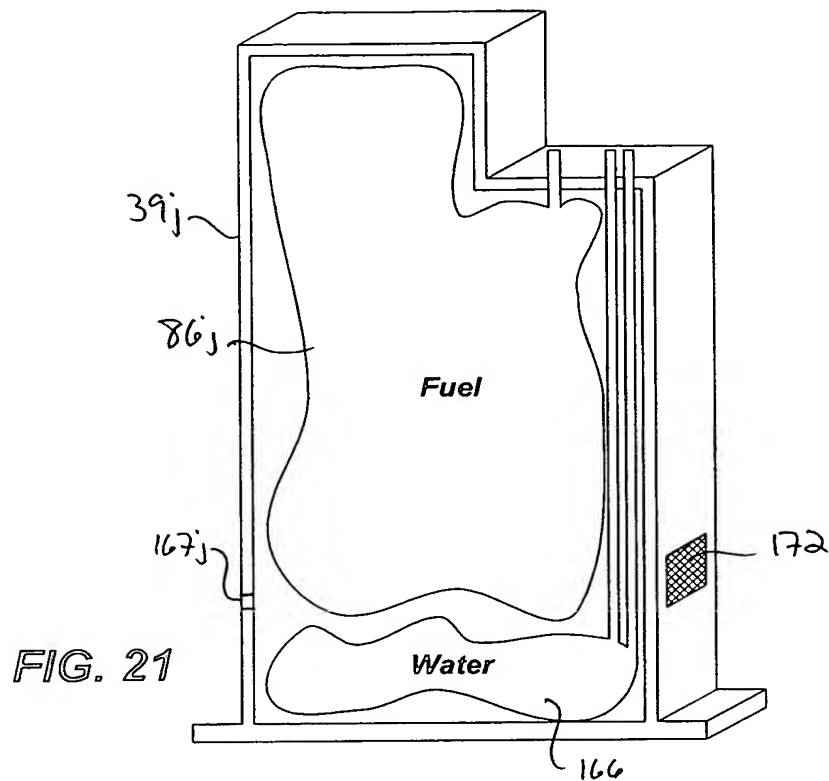
FIG. 20



FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

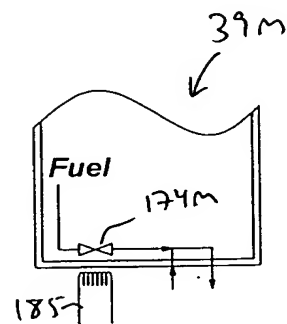
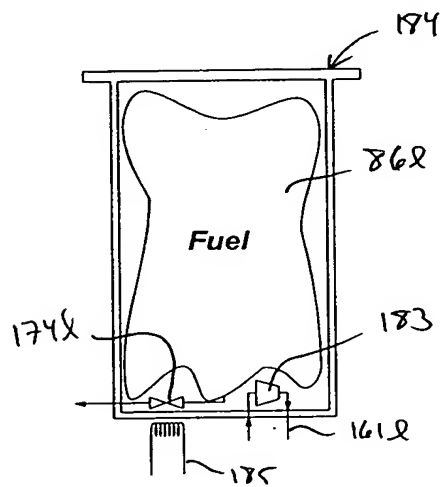
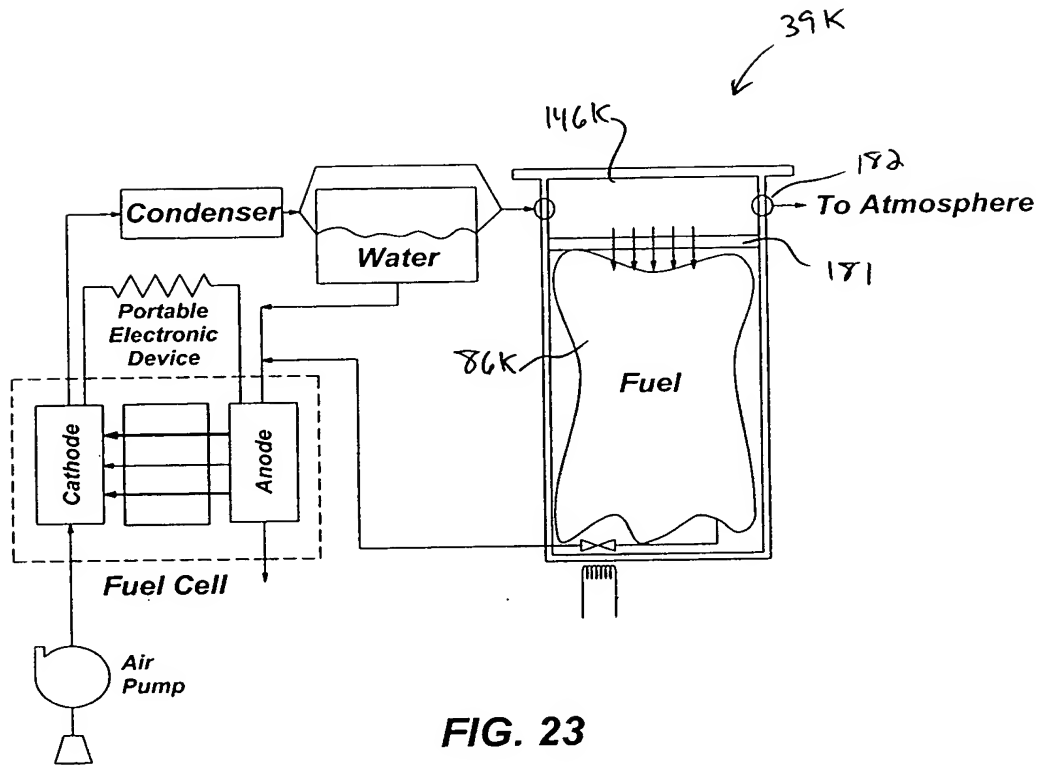
16 of 23



FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

17 of 23



FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

18 of 23

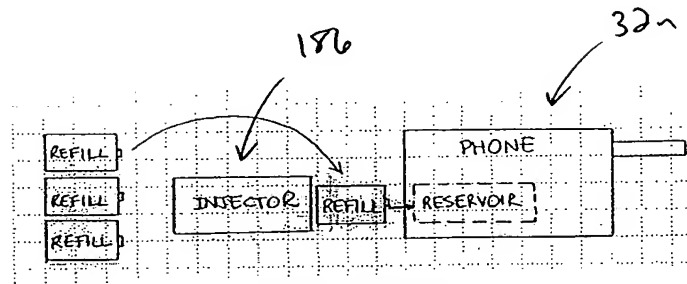


FIG. 26(a)

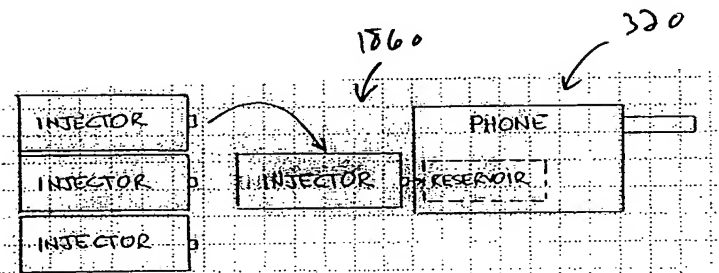


FIG. 26(b)

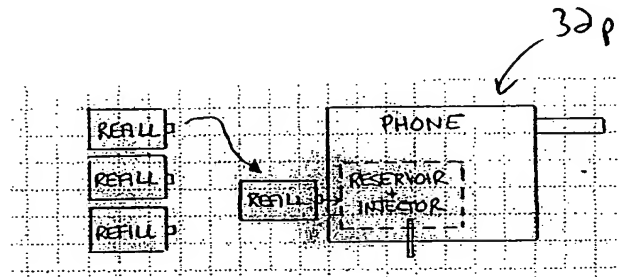


FIG. 26(c)

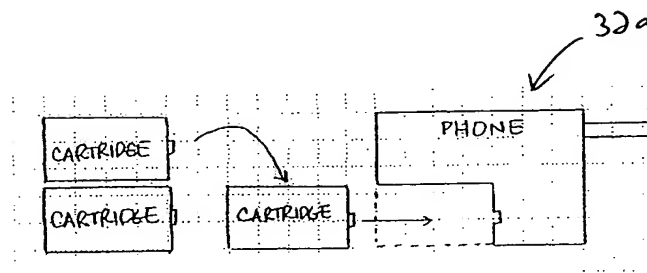
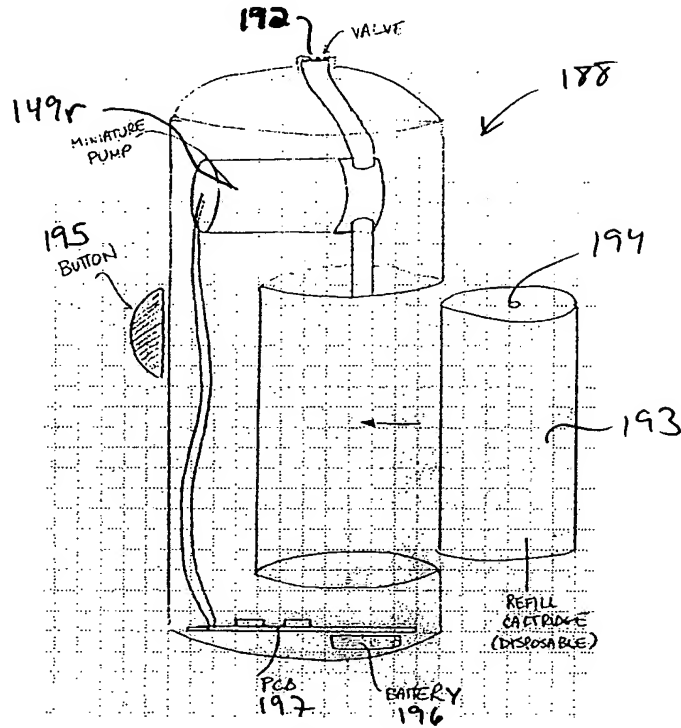


FIG. 26(d)

# FUEL CELL CARTRIDGE FOR PORTABLE ELECTRONIC DEVICE

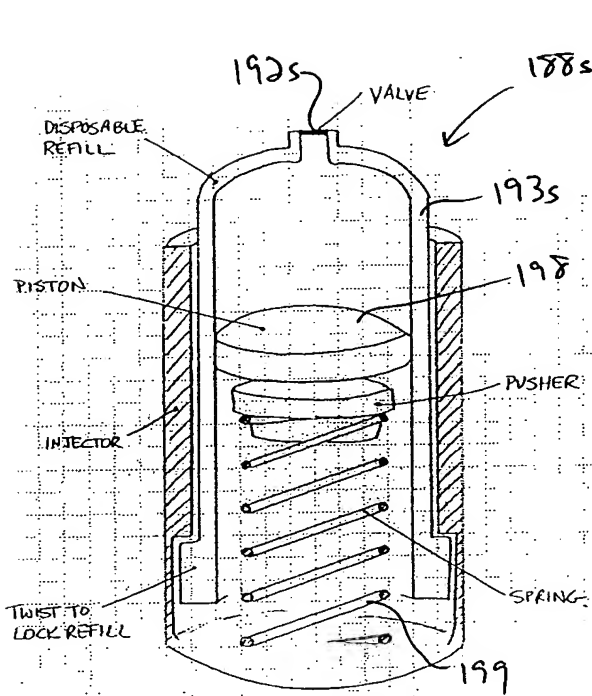
Michael BIRSCHBACH

19 of 23



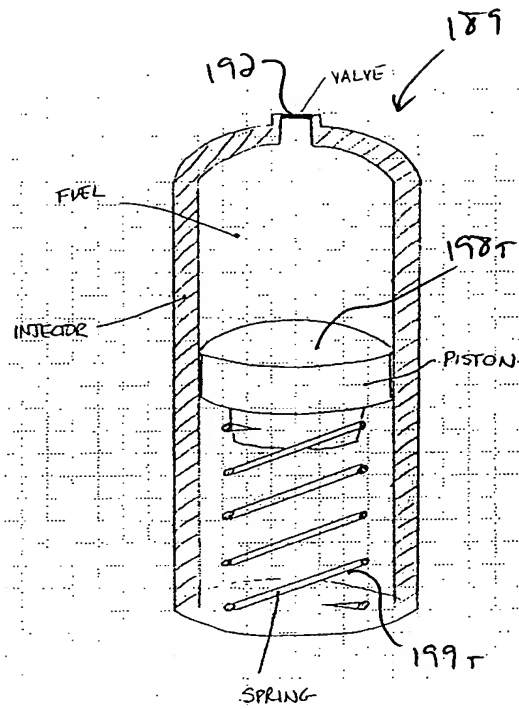
Refillable

FIG. 27



Refillable

FIG. 28



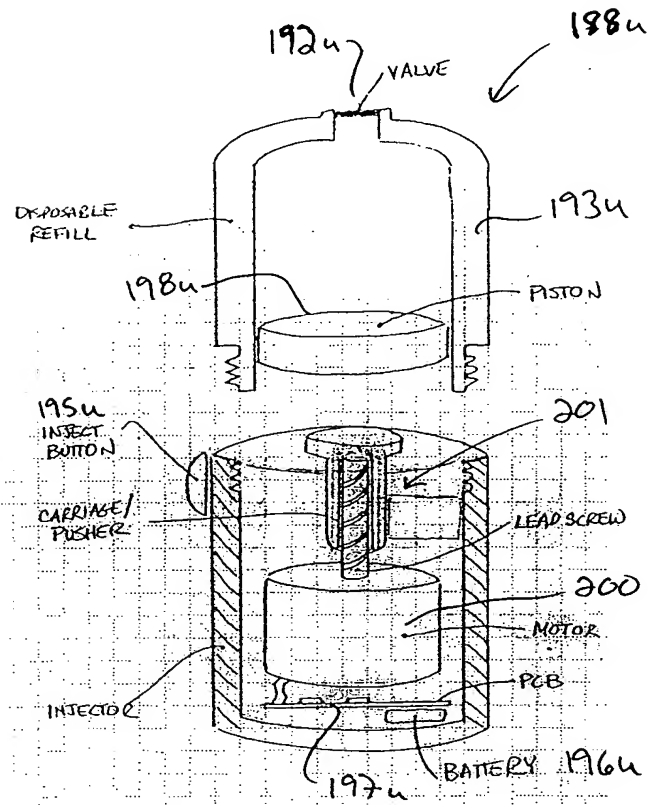
Disposable

FIG. 29

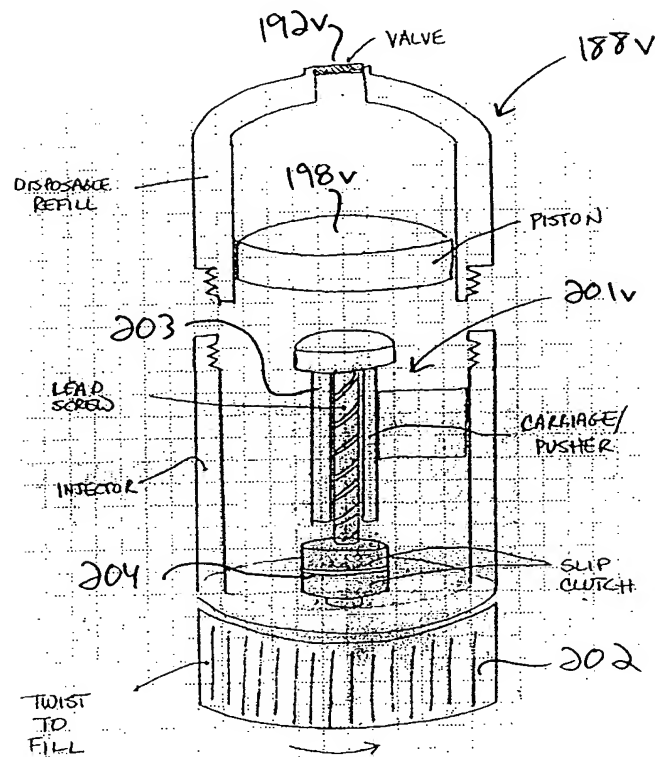
# FUEL CELL CARTRIDGE FOR PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

20 of 23



Refillable **FIG. 30**

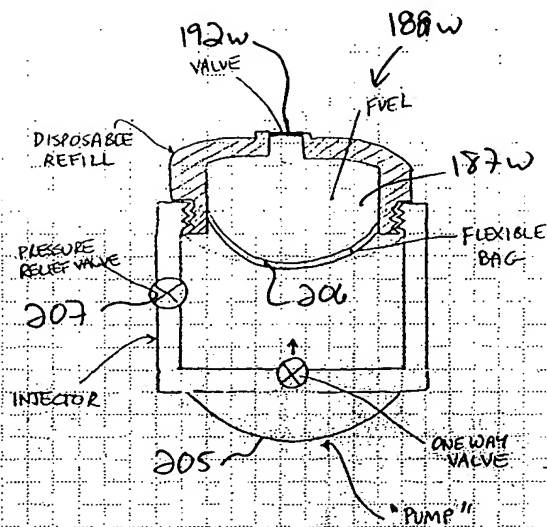


Refillable **FIG. 31**

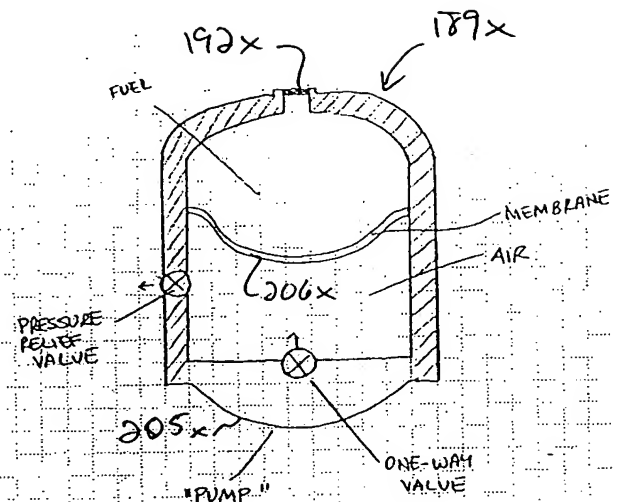
# FUEL CELL CARTRIDGE FOR PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

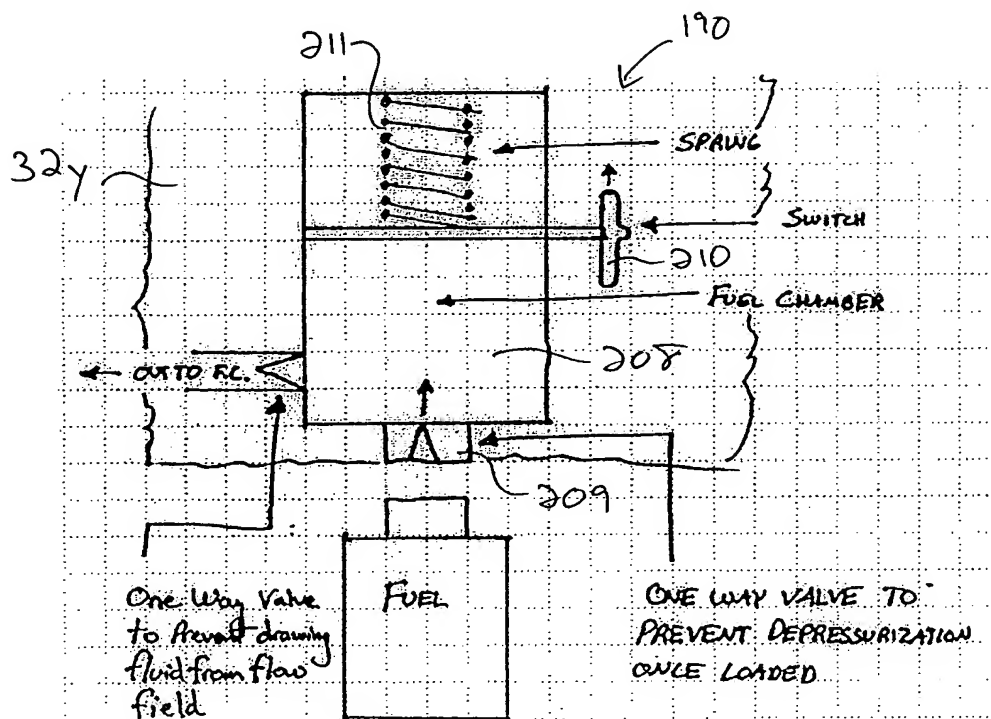
21 of 23



Refillable  
**FIG. 32**



Disposable  
**FIG. 33**



**FIG. 34**

FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

22 of 23

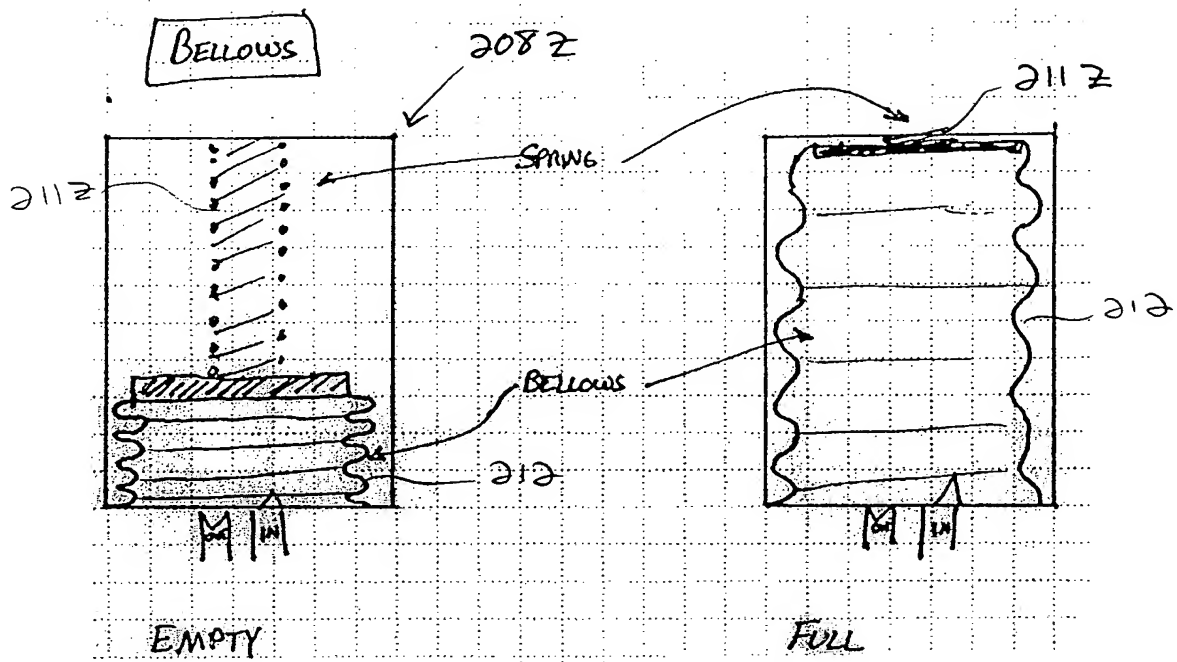


FIG. 35(a)

FIG. 35(b)

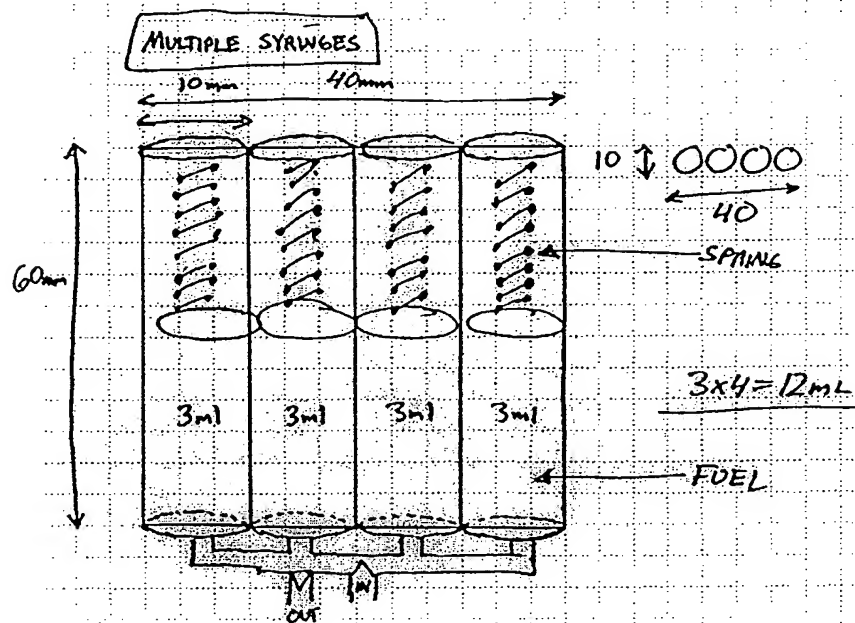


FIG. 37

FUEL CELL CARTRIDGE FOR  
PORTABLE ELECTRONIC DEVICE

Michael BIRSCHBACH

23 of 23

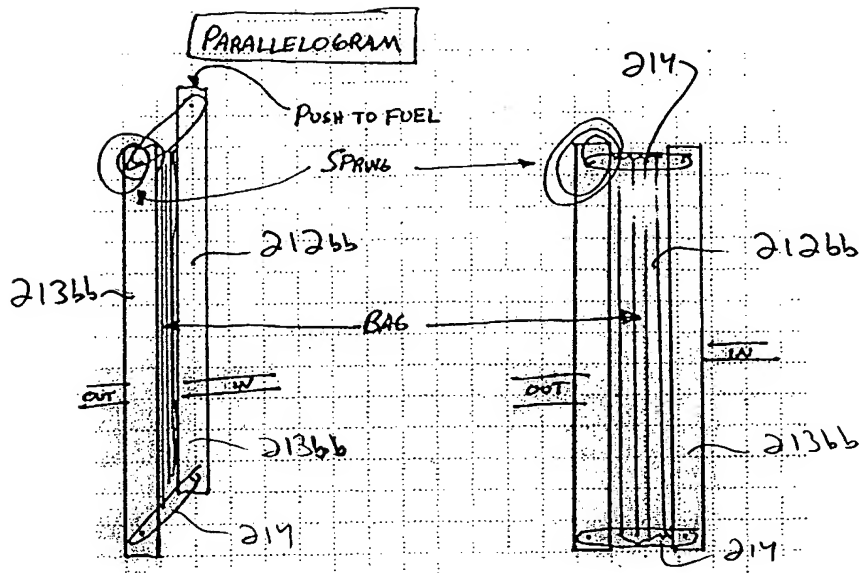


FIG. 36(c)

FIG. 36(d)

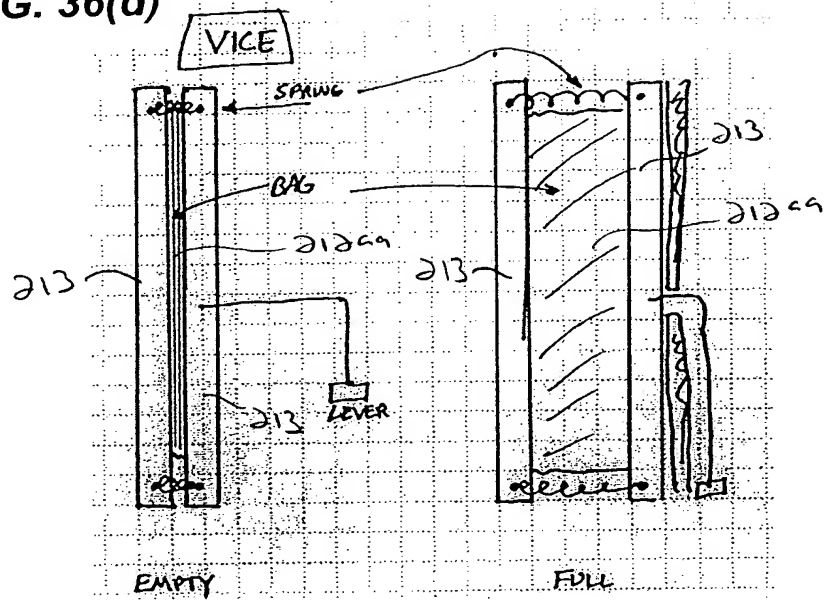


FIG. 36(a)

FIG. 36(b)

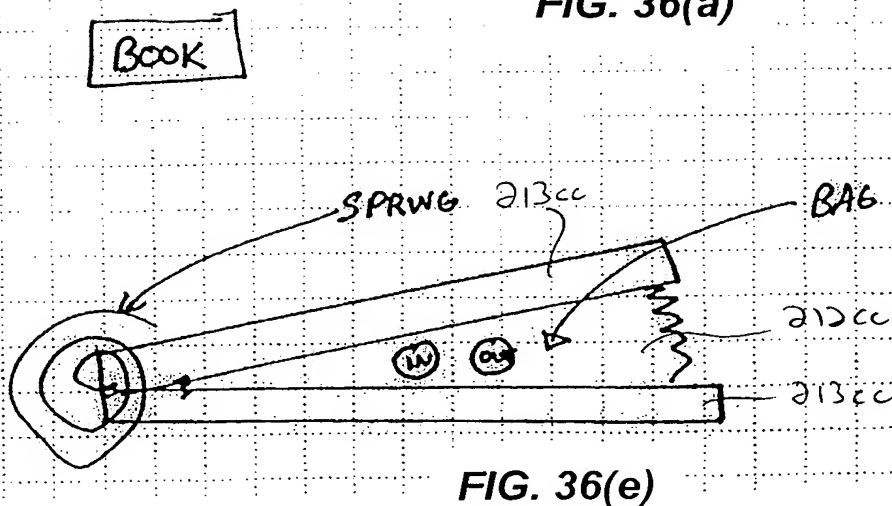


FIG. 36(e)